

Title (en)

MULTI-STAGE TESSELLATION FOR GRAPHICS RENDERING

Title (de)

MEHRSTUFIGE MOSAIKARBEIT FÜR DIE GRAFIKWIEDERGABE

Title (fr)

TESSELLATION À ÉTAPES MULTIPLES POUR RENDU GRAPHIQUE

Publication

**EP 2269172 A1 20110105 (EN)**

Application

**EP 09723358 A 20090319**

Priority

- US 2009037730 W 20090319
- US 5262808 A 20080320

Abstract (en)

[origin: US2009237401A1] This disclosure describes a multi-stage tessellation technique for tessellating a curve during graphics rendering. In particular, a first tessellation stage tessellates the curve into a first set of line segments that each represents a portion of the curve. A second tessellation stage further tessellates the portion of the curve represented by each of the line segments of the first set into additional line segments that more finely represent the shape of the curve. In this manner, each portion of the curve that was represented by only one line segment after the first tessellation stage is represented by more than one line segment after the second tessellation stage. In some instances, more than two tessellation stages may be performed to tessellate the curve.

IPC 8 full level

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CPC (source: EP US)

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